BANNIKOV, Yu.I., inzh.

Electrostatic stresses in the moist insulation of electric power transformers. Elek. sta. 31 no.8:57-59 Ag '60. (MIRA 14:9)

(Electric transformers)

BANNIKOV, Yu.I., inzh.

Intermittent method for drying power transformers. Izv.vys.ucheb. zav.; energ. 4 no.9:10-14 S '61. (MIRA 14:10)

l. Chelyabinskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva. Predstavlena kafedroy proizvodstva i raspredeleniya elektroenergii v sel'skom khozyaystve.

(Electric transformers—Drying)

PUCHKOVSKIY, V.V., kand.tekhn.nauk; BANNIKOV, Yu.I., insh.

Use of model power transformers with moist insulation for studying voltage redistribution. Elek.sta. 33 no.1:55-57 Ja '62.(MIRA 15:3) (Electric transformers)

BANNIKOV, Yu. I., inzh.

Experimental study of the electric field in the heating of wet insulation. Izv.vys.ucheb.zav.; energ. 7 no. 4:30-34 Ap '64. (MIRA 17:5)

1. Chelyabinskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva. Predstavlena kafedroy raspredeleniya proizvodstva i raspredeleniya elektroenergii v sel'skom khozyaystve.

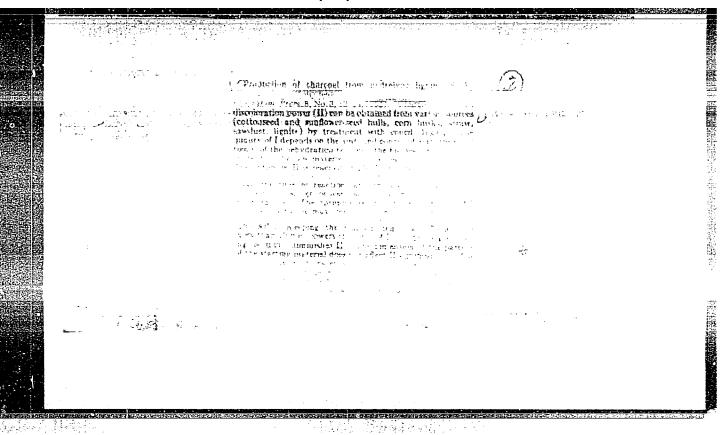
POFOV, Ye.P., inzh.; PTASTOLOV, A.A., kand. tekhn. nauk, doteent;
BANNIKOV, Yu.I., inzh.

Study of the drying of single-phase OMS transformers using a zero sequence circuit. Izv. vys. ucheb. zav.; energ. 7 no.ll: 16-22 N 164 (MIRA 18:1)

1. Chelyabinskiy institut mekhanizatsii 1 elektrifikatsii sel'skogo khozyaystva. Predstavlena kafedroy proizvedstva i raspredeleniya elektroenergii v sel'skom khozyaystve.

BANNIKOV, Yu.I., kand.tekhn.nauk; POPOV, Ye.F., inzh.

Drying of an CMS transformer using single-phase current. Energetik no.9:36-38 S *64. (MIRA 17:10)



LEBEDEV, N.V.; LYUBIN, B.O.; BANNIKOVA, A.A.

Yiuld of crystallized glucose in the decomposition of a binary compound of glucose and sodium chloride. Gidroliz. i lesokhim.prom. 11 no.7:3-5 '58. (MIRA 11:11)

1. Vsesoyuznyy nauchno-issledovateliskiy institut gidroliznoy i sulifitnospirtovoy promyshlennosti.

(Glucose) (Grystallization)

BANNIROVA, A. A. (NIICS)

"Effect of soluble hemicellulose monosaccharides on the system glucosesodium chloride-water" $\,$

Report presented at the Conference on the Theory and Technology of Crystalline Glucose Production, Leningrad, March 1961 (Reported in <u>Gidrol i lisokhim</u>, 4, 1961)

LEBEDEV, N.V.; BANNIKOVA, A.A.

Higher yields of crystalline glucose during the degradation of adouble compound of glucose and sodium chloride. Sbor.trud. NIIGS 11:58-65 '63. (MIRA 16:12)

BANNIKOVA, I.A.

Role of forest litter in the development of herbaceous soil cover in some types of forests of the Serebryanyy Bor Tract. Biul. MOIP. Otd. biol. 68 no.1:79-102 Ja-F '63. (MIRA 17:4)

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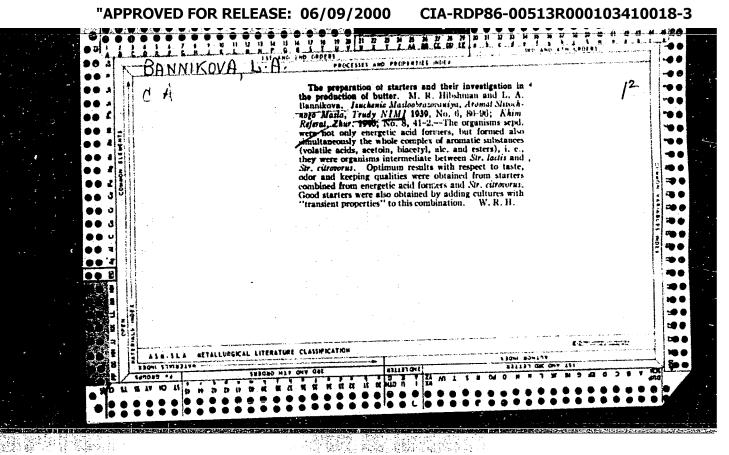
[Forests in central Yakutia] Less TSentral noi 14kutii. Moskva, Nauka, 1965. 206 p. (MIRA 18:11)

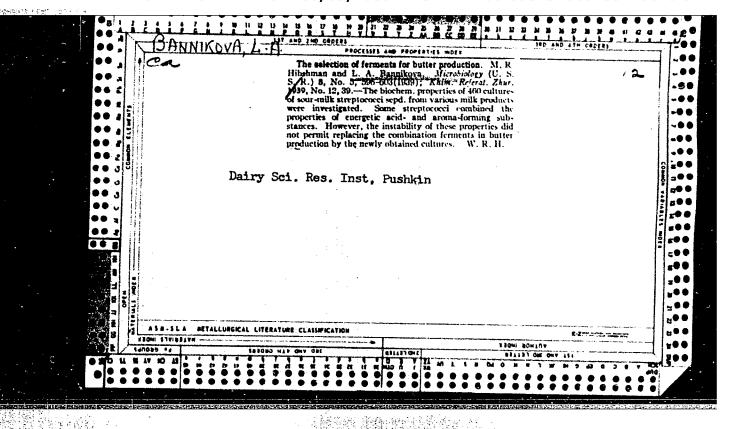
SUKACHEV, V.N., akademik, ctv. red.; BANNIKOVA, I.A., red.

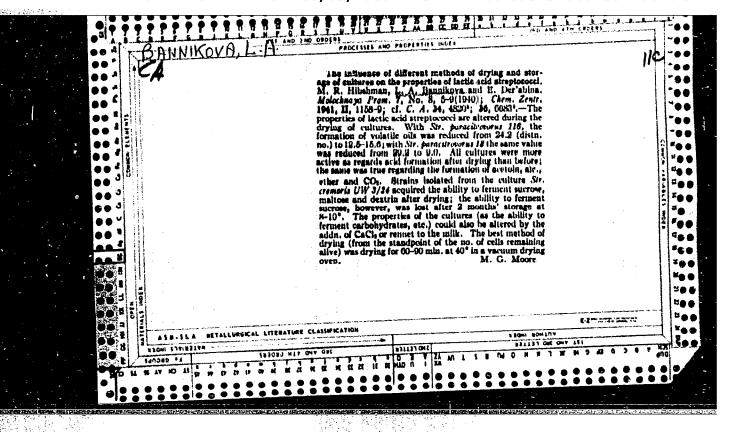
[Forests of the Moscow area; materials on biogeocenological studies] Lesa Podmoskovia; materialy k biogeotsenoticheskomu isucheniiu. Moskva, Nauka, 1965. 209 p.

(MIRA 19:1)

1. Akademiya nauk SSSR. Laboratoriya lesovedeniya.







BANNIKOVA, L. A.

"Preparation of Dry Cultures of Lactic Acid Bacteria by Means of a Spray Drier".

Tr. Vses. N. -I. In-ta Moloch. Prom-sti, No. 15, pp 39-56

The spray method of preparation of dry cultures of lactic acid bacteria permits the obtaining of high-quality leavens for the milk industry. The increase in the content of dry substances in fat-free milk, the neutralization of leavens to drying, and the addition of sodium citrate permit a considerable increase in the quatity of cells in the dry culture and contribute to a longerlasting retention of its activity. The addition of a sterile starch (in a proportion of 1:1) to the dry culture reduces its moisture content, improves friability, and contributes to better preservation of lactice acid streptococci. In the preservation of the dry culture (without neutralization) in an atmosphere of nitrogen, slower drying out of the lactic acid streptococci than in preservation in air was observed. A dry culture retained activity when kept at a negative temperature (-25°) over a period of 8 to 12 months. This gives the possibility of preserving developed dry cultures for application in the spring and summer periods when cases of decrease in activity of leavens are observed. Consequently, and evaluation of dry cultures which have been propared by the spray and sublimination methods shows their identical quality. (RZhBiol, No. 10, 1955)

SO: Sum No 884, 9 Apr 1956

USSR/Microbiology - Industrial Microbiology.

F-3

Abs Jour

: Ref Zhur - Biol., No 15, 1958, 67173

Author

: Bogdanov, V., Bannikova, L.

Inst Title : The Selection of Lactobacilli for the Preparation of Sour-

Milk Products.

Orig Pub

: Molochn. prom-st', 1957, No 10, 31-32

Abstract

: Certain strains of Bacterium bulgaricum and Bact. acidophilium and lactic streptococci possess equal antibiotic
activity in respect to gram-positive test organisms.

In respect to gram-negative bacteria, the streptococci are,
as a rule, less active. Similar results were obtained
when streptococci were tested for resistance to phenol.
The authors criticize a present concept as to an application for theurapeutic purposes the acidophylic rods only
and suggest to use instead a combination of acidophylic
rods and antibiotically active strains of acidophylic
streptococci.

Card 1/1

USSR COUNTRY CATEGORY ABS. JOUR. : REMEMOL., Ne. 3 1959, No. 10121 Bannikova, L. A. AUTHOR INST. A New Method of Producing Bacterial Ferments BATTIT Dokl. Vses. konferentsii po molochn. delu. M., opic. PUB. : Sel'khozgiz, 1958, 361-365 The production technology of dry ferments has been ABSTRACT developed (with the use of a spraying method of drying) as tablets for the preparation of clotted milk under home conditions. A routine for keeping the dry ferments has been established. 1/1 Card:

BANNIKOVA, L.A., kand.sel'skokhoz.nauk; PYATNITSYHA, I.N., mladshiy nauchnyy sotrudnik.

Selection of microorganisms for medicinal sour milk. Trudy
VNIMI [Mol.] no.20:84-95 '59. (MIRA 13:10)
(Milk, Fermented) (Bacteriology--Cultures and culture media)

SHTAL'BERG, S.M., kand.tekhn.nauk; BANNIKOVA, L.A., kand.sel'skokhoz.

Development of the technology of dry dietetic sour milk. Trudy VNIMI [Mol.] no.20:96-102 '59. (MIRA 13:10) (Milk, Fermented)

BANNIKOVA, Lyudmila Aleksandrovna, kand. sel'khoz. nauk;

ITATNITSKAYA, IFINA MIRolavevna, et. nauelm. setf.;

ZHAROVA, V.S., retsenzent; KULESHOVA, V.D., retsenzent;

TIKHONOVA, T.V., red.

[Rapid methods of bacteriological analysis of milk and dairy products] Uskorennye metody bakteriologicheskogo kontrolia moloka i molochnykh produktov. Moskva, Fishchevaia promyshlennost', 1965. 36 p.

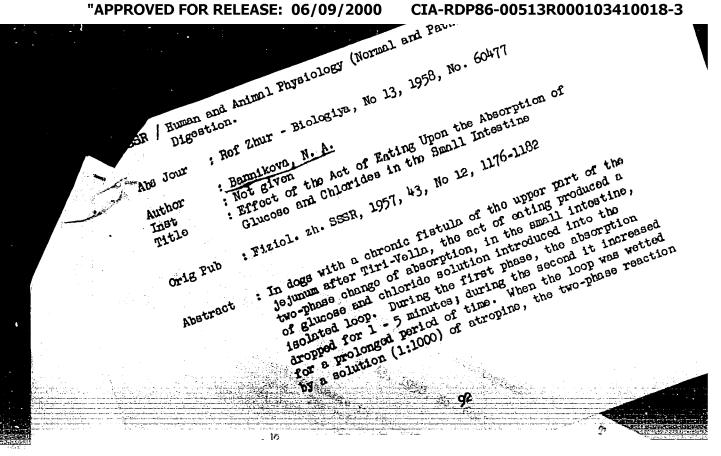
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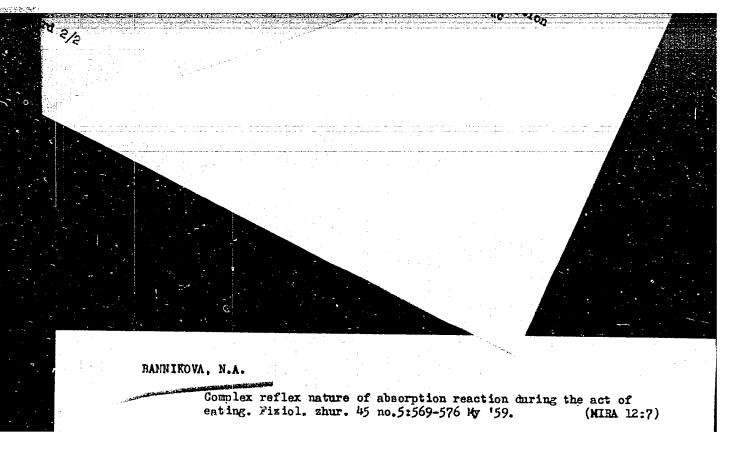
BANNIKOVA, N. A.

BANNIKOVA, N. A.: "On the role of the central nervous system in regulating the process of absorption in the scall intestine". Leningrad, 1955. Inst of Experimental Medicine, Acad Med Sci USSR. (Dissertation for the Degree of Candidate of MEDICAL Sciences)

SO: Knizhnaya Letopis' No. 51, 10 December 1955



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BANNIKOVA, N.A.

Significance of the level of alimentary excitability for the formation of the reflex reaction of absorption during the act of eating. Fixial.zhur. 45 no.8:976-931 Ag 159.

(NIEA 12:11)

1. From the Department of General Physiology, Institute of Experimental Medicine, Leningrad.

(CENTRAL MERVOUS SYSTEM, physiology)

(CENTRAL HERYOUS SYSTEM, physiology)
(GASTROINTESTINAL SYSTEM, physiology)
(FOOD, effects)

BANNIKOVA, N.A.

Reflex changes in the vessels of the micous membrane of the small intestine and in the activity of the villi during the process of absorption. Fiziol. zhur. 48 no.3:324-330 Mr 160. (MIRA 15:4)

1. From K.M.Bykov's Department of General Physiology, Institute of Experimental Medicine, Leningrad.

(INTESTINES) (ABSORPTION (PHYSIOLOGY))

(REFLEXES)

BANNIKOVA, N.A.

Reflex changes in glucose absorption, the activity of villi and the state of vessels in the small intestine following stimulation of the mechanoreceptors of the gastrointestinal system. Fizicl.zhur. 50 no.1:95-101 Ja 164. (MIRA 18:1)

1. Otdel obshchey fiziologii imeni akademika K.M.Bykova Instituta eksperimental noy meditsiny AMN SSSR, Leningrad.

BANNIKOVA, R.V.

BANNIKOVA, R.V.: "Organization and methods of extending dispensary aid to the population. (Based on dispensary experience in Volosov Rayon, Leningrad Oblest)". Min Health RSFSR. Leningrad Sanitary-Hygienic Medical Inst. (Dissertations for the Degree of Candidate of Medical Sciences).

SO: Knizhnava letopis' No 45, 5 November 1955. Moscow.

BANNIKOVA, R.V., kand.med.nauk

Evaluation of the results of preventive medical examinations in dispensary care of the rural population. Zdrav.Ros.Feder. 4 no.1:23-24 Ja '60. (MIRA 13:5)

1. Iz kafedry organizatsii zdravookhraneniya (zav. - kand.med. nauk R.V. Bannikova) Arkhangel skogo meditsinskogo instituta. (VOLOSOVA DISTRICT (LENINGRAD PROVINCE)--MEDICAL SCREENING)

RANNIKOVA, R.V., kand.med.hauk; PIECHANOVA, K.A.

Investigating and reducing the incidence of disease with temporary disability among lumber mill workers. Zdrav. Ros. Feder. 4 no. 10:17-20 0 '60. (MIRA 13:10)

1. Iz kafedry organizatsii zdravookhraneniya (zav. - kand.med. nauk R.V. Bannikova) Arkhangel'skogo meditsinskogo instituta i Arkhangel'skoy gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach Ye.I. gruglova).

(ARCHANGEL PROVINCE—LUMBERIGN—DISEASES AND HYGIENE)

PONOMAREV, A.N.; BANNIKOVA, V.A.

Studying nectar productivity as related to the biology of the flower. Uch. zap. Perm. gos. un. 13 no.1:3-11 '60.

(MIRA 14:11)

(Siberia, Western—Honey plants)

BANNIKOVA, V.A.

Step-by-step flowering of rye. Nauch. dokl. vys. shkoly; biol. nauki no. 2:107-110 '64. (MIRA 17:5)

1. Rekomendovana kafedroy sistematiki i morfologii rasteniy Permskogo gosudarstvennogo universiteta im. A.M.Gor'kogo.

RERUN OF STAPCED ONE

USSR / Human and Animal Physiology (Normal and Pathological).
Digestion.

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Abs Jour

: Ref Zhur - Biologiya, No 13, 1958, No. 60477

Author

: Bannikova, N. A.

Inst

: Not given

Title

: Effect of the Act of Eating Upon the Absorption of

Glucose and Chlorides in the Small Intestine

Orig Pub

: Fiziol. zh. SSSR, 1957, 43, No 12, 1176-1182

Abstract

: In dogs with a chronic fistula of the upper part of the jejunum after Tiri-Vella, the act of eating produced a two-phase change of absorption, in the small intestine, of glucose and chloride solution introduced into the isolated loop. During the first phase, the absorption dropped for 1 - 5 minutes; during the second it increased for a prolonged period of time. When the loop was wetted by a solution (1:1000) of atropine, the two-phase reaction

Card 1/2

92

USSR / Human and Animal Physiology (Normal and Pathological).
Digestion.

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Abs Jour : Rof Zhur - Biologiya, No 13, 1958, No. 60477

in the absorption change in connection with the eating act disappeared. The reflector mechanism of absorption change occurs with the aid of the parasympathetic nervous system.

Card 2/2

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REEL# 34 BANACH, A.

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RERUN OF STAPLED ONE (DISREGARD REEL #)

BANNIKOVA, V.A.

Opening of flowers and the lengthening of the stamen filaments in Gramineae. Bot. shur. 49 no.5:735-739 My '64.

1. Permskiy gosudarstvennyy universitet imeni A.M. (lor'kogo.

PANNIKOVA, V. I., AVILOVA, YE. A.

"Experience of hygienic evaluation of prophylactic nutrition of workers in the chemical industry."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

BANNIKOVA, V.P., kand.biologicheskikh nauk

Imporve the viability of remote hybrids of preliminary intervarietal hybridization. Agrobiologiia no.2:296-298 Mr-Ap '61. (MIRA 14:3)

1. Belorusskiy gosudarstvennyy universitet imeni V. I. Lenina, Minsk.

(Wheat breeding) (Hybridization, Vegetable)

BANNIKOVA, V.P.

Some methods of overcoming the inviability of remote wheat hybrids. Ukr. bot. zhur. 20 no. 5:12-19 '63. (MIRA 17:5)

1. Institut botaniki AN UkrSSR, otdel tsitologii i embriologii.

BANNIKOVA, V.P.; OSTAPENKO, Ye.K. [Ostapenko, O.K.]

Some characteristics of the embryogenesis of the Knnelevka variety of makhorka (Nicotiana rustica L.). Ukr. bot. zhur. 21 no.3220-26 *64 (MIRA 1727)

1. Institut botaniki AN UkrSSR, otdel tsitologii i embriologii.

BANNIKOVA, V.P.

Effect of preliminary intervarietal hybridization on the compatibility of durum wheat and soft wheat. Izv. AN SSSR. Ser. biol. 29 no. 1:151-158 Ja-F '64. (MIRA 17:3)

1. Belorusskiy gosudarstvennyy universitet i Institut botaniki AN UkrSSSR, otdel tsitologii i embriologii.

BANNIKOVA, V.P.

Cytoembryology of distant hybrids. Report No.2: Disturbances in the fertilization process during the crossing of Nicotiana glutinosa L. (φ) with Nicotiana rustica L. (σ) . Ukr. bot. zhur. 22 no.2:40-46 165.

1. Institut botaniki AN UkrSSR, otdel tsitologii i embriologii.

BANNOV, A.G.

History of the problem of metal osteosynthesis in sequelae of gunshot fractures. Ort. travm. i protez. 23 no.10:74-76 0 '62. (MIRA 17:10)

l. Iz khirurgicheskogo otdeleniya bol'nitsy (glavnyy vrach - L.M. Kondrat'yeva) shakhty "TSentral'naya Bokovskaya" Luganskoy oblasti i kafedry ortopedii i travmatologii (zav.- dotsent B.S. Gavrilenko) Zaporozhskogo instituta usovershenstvovaniya vrachey imeni M. Gor'kogo. Adres avtora: Luganskaya oblast', Bokovo-Antratsitovskiy rayon, bol'nitsa shakhty "TSentral'naya Bokovskaya."

BANNOV, A.T.

BANNOV, A.T.; SHNEYERSON, A.G.

How scab was eliminated from sheep in Krasnoyarsk Territory.
Veterinariia 34 nc.9:43-46 S '57. (MLRA 10:9)

1. Nachal'nik vetotdela Krasnoyarskogo kraysel'khozupravleniya (for Bannov). 2. Starshiy nauchnyy sotrudnik Krasnoyarskoy nauchno-issledovatel'skoy veterinarynoy stantsii.

(Krasnoyarsk Territory-Scab disease in sheep)

BANNOV, A.T.; OKUNTSOV, I.V., kand.veter.nauk

Early spring farrowing in small movable huts is a measure for ridding swine of plague. Veterinariia 37 no.1:27-29 Ja '60. (MIRA 16:6)

1. Nachal'nik veterinarnogo otdela Krasnoyarskogo krayevogo sel'skokhozyaystvennogo upravleniya (for Bannov). 2. Sibirskiy nauchno-issledovatel'skiy veterinarnyy institut (for Okuntsov). (Swine plague) (Swine houses and equipment)

BANNOV, A. T.

"The Veterinary Service of Krasnovarsk Krai struggling for the rise of animal husbandry."

Veterinariya, Vol. 38, No 5, 1961

Bannov, A. T. - Krasnovarsk NIVS

stantsiya.

BANNOV, A.T.

Ways for the elimination of foot-and-mouth episooties in Krasnoyarsk Territory. Veterinariia 38 no.8:18-20 Ag '61 (MIRA 18:1) 1. Krasnoyarskaya nauohno-issledovatel'skaya veterinarnaya

ASHEPA, M.B.; BANNOV, A.T.

Elimination of foot-and-mouth disease in winter. Veterirariia 41 no.5:38-39 My '64. (MIRA 18:3)

1. Krasnoyarskoye drayevoye upravleniye proizvodstva i zagotovok sel'skokhozyaystvennykh produktov.

TERNOVOI, V.I. (Krasnodarskiy kray); BANNOV, A.T. (Krasnodarskiy kray)

Practices in protecting animals from bloodsucking insects. Veterinarila 42 no.9195-96 S *65.

(HIRA 18:11)

BANNOV, K.; ABUZYAROV, Z., starshiy nauchnyy sotrudnik

Navigating vessels along recommended routes with the consideration of the predicted hydrometeorological conditions. Mor. flot 25 no.11:14-16 N '65. (MIRA 18:11)

1. Nachal'nik ctdela sudovozhdeniya Glavnogo upravleniya mereplavaniya Ministeratva merskogo fleta (for Rannov).
2. TSentral'nyy institut prognozov (for Abuzyarov).

236

Bannor, semon yegararich

PHASE I BOOK EXPLOITATION

THANK I DOOR EAPLOITHTIUM

Bannov, Semen Yegorovich

Remont elektrooborudovaniya metallurgicheskikh zavodov (Maintenance and Repair of Electrical Equipment in Metallurgical Plants) Moscow, Metallurgizdat, 1957. 504 p. 7,200 copies printed.

Ed.: Fibikh, V.V.; Ed. of Publishing House: Bagin, A.A.; Tech. Ed.: Attopovich, M.K.

PURPOSE: This book is intended for foremen and highly skilled workers who are concerned with repair and maintenance of electrical motors and lifting magnets. It may also be useful to students in technical schools specializing in electrical repair and maintenance.

COVERAGE: The book reviews problems of organization and technology of repair and maintenance of electrical motors and lifting magnets in metallurgical plants. This review is based on the experience of leading electrical repair shops in the metallurgical industry and also on achievements in technical maintenance in other branches of the industry. Engineer R. Kh. Khisamutdinov (deceased) is credited

Card 1/8

Maintenance and Repair of Electrical Equipment in Metallurgical (Cont.) 236 with major contributions in the field. The text notes that a large modern metallurgical plant has from 10,000 to 20,000 pieces of electrical equipment ranging in power from 0.05 kw to 10,000 kw. The number of electrical machines of various types at such plants exceeds 200; high-voltage (150,000 v) equipment and large numbers of transformers with capacities reaching 30,000 kw are also found. There are 15 Soviet references.

TABLE OF CONTENTS:

Int	rodúct	ion	7
Part	; I.	Organization of Electrical Equipment Maintenance an Metallurgical Plants	d Repair in
Ch.	I.	Repair and Maintenance Systems	11
Ch.	II.	Methods of Organizing Maintenance and Repair	12
Ch.	III.	Classification of Planned-Preventive Maintenance	14
Ch.	IV.	Organization and Make-up of Electrical Maintenance Services in a Plant	17
Card	2/8		

Maintenance and Repair of Electrical Equipment in Metallurgical (Ch. V. Planning of Electrical Equipment Repair	Cont.) 236 22
Part II. Structure and Organization of an Electrical Repair Shop	27
Ch. I. Make-up and Tasks of Services	27
Ch. II. Planning of Accomodation and Equipment for an Electrical Repair Shop	32
ChatIII. Control Structure and Staff of an Electrical Repair d. Shop	42
Part III. Organizational and Technical Groundwork for Electrical Repair-Shop Services	47
Ch. I, Organizing Technical Groundwork for Electrical Repair. Shop Services	47
Ch. II. Receipt and Processing of Orders	48
Ch. III. Technical Processing of Orders and Supply of Materials and Equipment for Maintenance	49
Card 3/8	

Maintenance and Repair of Electrical Equipment in Metallurgical	(Cont.)	236
Ch. IV. Electrical Maintenance Shop Work	50 ,	
Ch. V. Delivery of Electrical Equipment for Repair	5 6	
Tart IV. Maintenance and Repair of Electrical Machinery up to 1000 kw Capacity	58	
Ch. I General Questions on the Organization of Repairs of Klectrical Machinery	. 58	
Ch. II. Types of Work Making up the Process of Electrical Machinery Repair	65	
Ch. III. Technology of Disassembly Operations	68	
Ch. IV. Determining Condition of Parts and Specifying Nature of		
Repairs Ch. V. Repair of Commutators	90 100	
• • • • • • • • • • • • • • • • • • • •		
Ch. VI. An Example of Technology in Repair of Commutators up to 500 mm Diameter	114	
Ch. VII. Repair of Contact Rings	120	
Ch. VIII. Repair of Cores	128	
Ch. IX. Repair and Fabrication of Shafts	137	
Card 4/8		

Maintenan	ce and Repair of Electrical Equipment in Metallurgical	(Cont.)	236
Ch. X.	Repair of Bearings	153	
Ch. XI.	Maintenance and Improvement of Bearing Seals	174	
Ch. XII.	Repair and Fabrication of Ventilators	179	
Ch. XIV.	Repair of Housings	191	
Ch. XV.	Technology of Assembly Operations	196	
Part V.	Technology of Repairing Electrical Machinery Windings	217	
Ch. I.	General Problems of Winding Repair	217	
Ch. II.	Technology of Winding Repair	236	
Part VI.	Technology of Impregnating and Drying Work	306	
Ch. I.	Drying Processes and Dryers	306	
Ch. II.	Impregnating Processes and Equipment	323	
Ch. III.	Varnishing and Drying Work	338	
Ch. IV.	Control of Impregnation and Drying Work	345	
Card 5/8	· ·		

Maintenar	ce and Repair of Electrical Equipment in Metallurgical (Co	nt.) 236
Ch. V.	Impregnating Electrical Insulating Materials and Parts Ma of Wood	ide 347
Part VII.	Maintenance Repair of Large Electrical Machinery and Installations	349
Ch. I.	Special Features in Organization of Repair of Large Electrical Machinery and Installations	349
Ch. II.	Organization of Preparatory Work and Repair Technology of Large Electrical Machinery	355
Ch. III.	Repair Work Carried Out Prior to Disassembly of Klectrical Machinery	362
Ch. IV.	Special Technological Features of Processing Commutators and Contact Rings	363
Ch. V.	Special Technological Features of Disassembling Operations	369
Ch. VI.	Cleaning and Washing of Windings	379
Ch. VII.	Restoration of Varnish Coating on Windings	383
Ch. VIII Card 6/8	Repair of Mechanical Parts	385

Maintena	nce and Repair of Electrical Equipment in Metallurgical	(Cont.)	23
Ch. IX.	Special Organizational Features During Repair Of Large Electrical Machinery	386	
Ch. X.	Sequence and Special Features in Assembly of Large Klectrical Machinery	387	
Part VIII	. Maintenance Repair and Modernization of Lifting Magnets	390	
Ch. I.	Analysis of Structural Deficiencies and Damage in Basic Types of Lifting Magnets Used in Metallurgical Plants	390	
Ch. II.	Ways of Modernizing Existing Designs of Lifting Magnets	399	
Ch. III.	Repair Technology and Modernization of Lifting Magnets	404	
Part IX.	Inspection-Control and Testing Operations in Klectrical Maintenance and Repair Work	422	
Ch. I.	Special Features of Control and Inspection Operations in Electrical Repair	422	
Card 7/8			

Maintenand	ce and Repair of Electrical Equipment in Metallurgical (Co	nt.)	236
Ch. II.	Sequence, Scope, and Norms of Defect Control Operations During Mechanical Checking and Testing	423	
ch. III.	Electrical Checking and Testing	423	
Ch. IV.	Some Features in the Conduct of Control Operations Procedure in Repair of Large Electrical Machinery	466	
Part X.	Basic Information on Safety Engineering in Electrical Repair Work	469	I
Ch. I.	General Rules on Safety and Fire Prevention During Electrical Repair Work	469)
Ch. II.	Basic Rules for Prevention of Electric Shock	470	İ
Ch. III.	Safety and Fire Prevention Measures During Impregnating and Drying Operations	471	:
Ribliogra Appendice AVAILABLE Card 8/8	-	472 473 8	

8(2,5)

PHASE I BOOK EXPLOITATION

SOV/2721

Bannov, Semen Yegorovich

Izgotovleniye zapasnykh chastey dlya elektrooborudovaniya metallurgicheskikh zavodov (Manufacturing Spare Parts for the Electrical Equipment of Metallurgical Plants) Moscow, Metallurgizdat, 1959. 243 p. Errata slip inserted. 4,000 ccpies printed.

Ed.: V. V. Fibikh; Ed. of Publishing House: T. I. Kiseleva; Tech. Ed.: Ye. B. Vaynshteyn.

PURPOSE: This book is intended for technical personnel engaged in the repair of electrical equipment. It may also be useful to students in technical and trade schools specializing in electrical repair.

COVERAGE: The book deals with the organization and methods of manufacturing spare parts for electrical equipment of metallurgical plants. The manufacture of commutators, slip rings, types of windings, fuses, brush holders, magnetic cores, safety and

Card 1/8

Manufacturing Spare Parts (Cont.)

SOV/2721

arc-quenching devices, fasteners, and other parts used in the repair of electrical machinery and equipment are described. The book is based on industrial practices at electrical equipment repair shops and plants manufacturing electrical equipment and machinery. No personalities are mentioned. There are 5 references, all Soviet.

TABLE OF CONTENTS:

Preface	6
Introduction	7
Ch. I. Organization of the Production of Spare Parts 1. General information 2. Planning the manufacture of spare parts 3. Shops and equipment for manufacturing spare parts	9 10 12
Ch. II. Methods of Manufacturing Spare Parts	
Card 2/8	

	Securing the Interchangeability of Parts	14
ı.	Forging	14
2.	Cutting	15
3.	Cold forming	17
4.	Rolling	21
5. 6.	Drawing	24
	Cold upsetting	28
7. 8.	Machining	29
	Benchwork	35
9.	Soldering and tinning	29 35 35 41 42 43
	Welding	41
	Power brushing	42
	Tumbling	43
13.		44
	a. Basic information	44
	b. Some characteristics of the manufacture of	
7 Ji	plastic parts	46
14.	Protective coatings: metal, paint, lacquers,	50
	and enamels	50

Manufactu	ring Spare Parts (Cont.)	SOV/2721	
	pregnating insulation curing the interchangeability of spa	re parts	51 55
A. Co 1. 2. 3. 4. 5. 7. 8.	Maching commutator drums General assembly and baking of a co Repeated pressing and dynamic shapi commutator	ators g parts drum mmutator ng of a	61 61 63 65 65 72 72 80 86 87 88
Card 4/8	ŧ		

Manufacturing Spare Parts (Cont.)	SOV/2721
B. Slip rings 13. General information 14. Manufacturing methods 15. Methods of insulating a hub 16. Assembling slip rings	91 91 92 95 97
Ch. IV. Manufacturing Windings for Electrical Equ. 1. General information	100
 Methods of manufacturing 500-volt windings insulated wire Special features of manufacturing strip windings Examples of methods for manufacturing windings 	100 dings 120
for electrical equipment	123
Ch. V. Methods of Manufacturing Plastic Parts 1. General information 2. Dies, their construction and requirements 3. Methods of extruding phenol-aldehyde plasti 4. Methods of manufacturing asbestos-cement pa	128 128 129 c parts 133 rts 137

Card 5/8

Manufacturing Spare Parts (Cont.) SOV/2721	
 Manufacturing lacquer-impregnated asbestos parts Manufacturing protective rubber sleeves 	142 146
Ch. VI. Manufacturing Cartridge-type Fuses 1. General information	148 148
2. Methods of manufacturing fuses with plastic cartridges	150
 Methods of manufacturing cartridges for types PR and PR-1 fuses 	152 156
4. Manufacturing contact racks	156
Ch. VII. Manufacturing Brush Holders for Electrical Machinery 1. Constructions of brush holders and requirements	162 162
2. Methods of manufacturing stamped brush holders	165
3. Methods of manufacturing stamped and riveted brush holders	167
4. Methods of manufacturing cast brush holders 5. Manufacturing brush holders of other designs	172 174

Card 6/8

Manufa	cturing Spare Parts (Cont.) SOV/2721	
Ch. VI	II. Manufacturing Contacts and Contact Elements, Flexible Couplings, Springs, Shafts and Axles, Magnetic Cores Safety and Arc-quenching Devices, Fasteners, and	,
	Other Parts for Electrical Equipment and Motors	175
1.	Contacts and contact elements	175
2.	Flexible couplings	191
23#56.	Contact holders	196
4.	Arc-quenching coils	198
5.	Contact and starter sleeves	201
6.	Shafts and axles for contactors. Starters and	
	command apparatus	203
7.	Electrically insulated metallic parts	209
7. 8.	Springs	217
	Contactor bolts and pins	224
	Slip rings for power controllers	227
	D-c winding cores	228
	A-c winding cores	229
	Arcing horns and protective crowns	231

Card 7/8

Manufacturing Spare Parts (Cont.)		SOV/2721	
14. Fa	steners	231	
Bibliograp	239		
Appendix:	List of Basic Equipment for Ma Electrical Repair Departments	chine Shops of 240	
WAILABLE:	Library of Congress (TS205.B2	7)	
ard 8/8		GO/mmh	

BANNOV, Semen Yegorovich; FIBIKH, V.V., red.; YAKOVENKO, N.N., red.; DOBUZHINSKAYA, L.V., tekhn. red.

[Repair of the electric equipment of metallurgical plants]
Remont elektrooborudovaniia metallurgicheskikh zavodov. Izd.2.,
perer. i dop. Moskva, Metallurgizdat, 1963. 527 p.

(MIRA 16:4)

(Metallurgical plants--Electric equipment) (Electric machinery--Maintenance and repair)

BANNOVA, G.G.

Use of tick encephalitis viruses growing in tissue culture of chick fibroblasts as an antigen in the complement fixation reaction. Vop. virus. 6 no.2:151-156 Mr-Ap '61. (MIRA 14:6)

1. Institut virusologii imeni Ivanovskogo AMN SSSR, Moskva. (ENCEPHALITIS) (COMPLEMENT FIXATION)

SARMANOVA, Ye.S.; IZOTOV, V.K.; PIVANOVA, G.P.; BANNOVA, G.G.; BYCHKOVA, M.V.

Hemagglutinating characteristics of Kemerovo virus. Vop. virus. 10 no. 6:663-669 N-D '65 (MTRA 19:1)

1. Institut poliomiyelita i virusnykh entsefalitov AMN SSSR, Moskva. Submitted September 7, 1964.

1 25987-66 EWT(1)/T JK

ACC NR. AP6016098

SOURCE CODE: UR/0402/65/000/006/0663/0669

AUTHOR: Sarmanova, Ye. S.—Sarmanova, E. S.; Izotov, V. K.; Pivanova, G. P.; Bannova, G. G.; Bychkova, M. V.

(N)

ORG: Institute of Poliomyelitis and Viral Encophalitis, AMN SSSR, Moscow (Institut poliomyelita i virusnykh entsefalitov AMN SSSR)

TITIE: Hemagglutinating properties of Kemerovo virus

SOURCE: Voprosy virusologii, no. 6, 1965, 663-669

TOPIC TAGS: virus, encephalitis, antigen, mouse, serum

ABSTRACT: During the spring-summer season of 1962, periodic investigation of foci of tick-borne encephalitis in Kemerovskaya Oblast resulted in the isolation of a virus producing a cytopathic effect in cell cultures of chick embryos. Strains KM-3, No 17, 32, 35, 37 were isolated from Ixodes persulcatus ticks, and strain No 98 was isolated from the blood of a healthy man bitten by a tick. In this connection, the authors present the results of an investigation of the hemagglutinating properties of Kemorovo virus, as based on tests of cultures infected with the strains named above. Antigens prepared from Kemerovo virus-containing brain tissue of suckling mice by means of the techniques used to obtain arbovirus antigens failed to agglutinate goose erythrocytes in the presence of pH = 5.7-7.4. The allantoic

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fluid of virus-infected chick embryos displayed hemagglutinating activity for from 14 to 40 hours following infection. Hemagglutinating activity was also detected in the cultural medium of infected chick embryo tissue and continuous swine embryo kidney cultures. The hemagglutination titers of allentoic fluid were 1:128 to 1:2,048. The specificity of the hemagglutination reaction was proved by hemagglutination-inhibition reaction with sera of guinea pigs immunized with Kemerovo virus. (To eliminate nonspecific inhibitors, the sera were treated with a 25% keelin suspension.) Thus it can be definitely established that the investigated strains of Kemerovo virus are closely interrelated and similar from the antigenic standpoint. Orig. art. has: 7 tables. [JPRS]

SUB CODE: 06 / SUEM DATE: 07Sep64 / ORIG REF: 002 / OTH REF: 001

Card 2/2 1

BANNOVA, M.V.

Experiment in obtaining isophotos for the disc of Saturn.
Uch.zap.Len.un. no.153:155-157 '52, MLRA 8:6)
(Saturn(Planet)) (Astronomical photography)

BANNOVA, R.G.

Organization of competition for communist labor. Good. i kart. no.5:3-7 My '63. (MIRA 16:7)

(Cartography)

SHADRIKOV, I., brigadir molochnotovarnoy fermy; BANNOVA, T. pomoshchnik brigadira, chlen rabochego komiteta; TUMANDEYEVA, L., profyruporg; KAYMAKINA, Ye., doyarka; ANTIPOVA, Yu., doyarka; FICTIC.CVA, M., podsmenneya doyarka; ARKHANDEYEV, B., skotnik; M.RHALHANDEYEVA, R., telyatnitsa:

Dissordinate the progressive practice among all state farm workers. Sov. profesiuzy 17 no. 5:12-14 Mr 161. (MIRA 14:2)

1. Sovkhoz "Kamash," Kuybyshevskoy oblasti.
(Kuybyshev Province—Dairying) (Socialist competition)

BANNOVA, Ye.A., aspirant

Hygienic and helminthological investigation of city ponds in Tashkent. Med. zhur. Uzb. no.8:25-28 Ag 160. (MIRA 13:9)

1. Iz kafedry obshchey gigiyeny (zav. prof. - S.N. Habadzhanov)
Tashkentskogo gosudarstvennogo meditsinskogo instituta.
(TASHKENT—PONDS—BACTERIOLOGY)
(WORMS, INTESTINAL AND PARASITIC)

KOMPANTSEV, N.N., prof.; BABADZHANOV, S.N., prof.; KAMBULIN, N.A., dotsent; BANNOVA, Ye.A., assistent

Data for a study on the anthelmintic properties of some plants in Uzbekistan. Med. zhur. Uzb. no.9:13-15 S '62. (MIRA 17:2)

1. Iz kafedr farmakologii i obshchey gigiyeny Tashkentskogo gosudarstvennogo meditsinskogo instituta.

, I -

KCMPANTSEV, N.N., prof.; BARADZHANOV, S.N., prof.; KAMBULIN, N.A., dotsent KRYZHENKOV, A.N., dotsent; BANNOVA, Ye.A., assistent

Study of the anthelmintic properties of plants in Uzbekistan. Med. zhur. Uzb. no.6824~27 Je*63 (MIRA 17:3)

l. Iz kafedr farmakologii i obshchey gigiyeny Tashkentskogo meditsinskogo instituta.

BANNYY, Nikolay Pavlovich; LEBEDEV, A.I., red.; PINEGIN, I.I., red. 1zd-va; KARASEV, A.I., tekhn. red.

[Technical and economic calculations in ferrous metallurgy]
Tekhniko-ekonomicheskie raschety v chernoi metallurgii. Moskva. Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1962. 380 p. (MIRA 15:2)

(Iron-Metallurgy) (Steel-Metallurgy)

(Steel industry-Accounting)

"APPROVED FOR RELEASE: 06/09/2000 CIA-R

CIA-RDP86-00513R000103410018-3

Influence of reducibility of self-fluxing sinter on files formace operations. A. M. Brannykh and A. G. Neyasov (Mining-Met. Inst., Magnitogorsk), Staff 15, Dalf's for (1959).—Sinter used during 4 periods of fineness in line granding. In the first 65.7% linestone passed 0-3 mm. mesh, in the 2nd 95% of it was ground to the same size, in the next limestone and dolomite were combined and 95% of it passed this mesh, and finally the amt. of limestone added was selected to bring the sinter basicity to 1.25-1.3 in place of conventional 0.75-0.00. The self-fluxing effect was produced by holding the silicates in the sinter below the conventional conen. Finer grinding improved sinter characteristics as a burdening material, while addn. of dolomite increased its reducibility from 40.1 to 42.9. Using up to 80% sinter in the charge permitted the reduction of the linestone charge to 25... of the tisual, increased furnace production by 13-10%, lowered coke consumption by 10-43%, taised blast temp. from 809 to 818%, and lead to more maform operations. A clear picture of the effect of charges in the sinter characteristics presented by numerous figures is handicapped by the fact that high top pressure and other factors entered the general picture. J. D. G.

BANNYKH, A.M.

18(5)

PHASE I BOOK EXPLOITATION

SOV/1247

Dostizheniya domenshchikov Magnitogorskogo metallurgicheskogo kombinata (Achievements of Blast Furnace Operators of the Magnitogorsk Metallurgical Combine) Moscow. Metallurgizdat. 1957. 279 p.

Achievements of Blast Furnace Operators (Cont.) SOV/1247

Stefanovich, M.A.; Chapter I, part 1 by Dorogobid, G.M.; part 2 by Shitov, I.S.; part 3 by Yakobson, A.P.; Chapter II, part 1, 2, and 3 by Galatonov, A.L.; part 4 by Bannykh, A.M. and Nayasov, A.G.; Chapter III, Galatobev, A.L. and Gelchin, V.I.; Chapter IV, parts 1,2,3,4.5 and 6 by Galatonov, A.L.; part 7 by Stefanovich, M.A.; Chapter V by Stefanovich, M.A.; Chapter VI by Babarykin, N.N.; Chapter VII by Shastin, V.A.; Chapter VIII by Gornostayev, V.K. There are 51 references, of which 43 are Soviet, and 8 are English.

TABLE OF CONTENTS:

Foreword	
Introduction 7 Price days	5
Introduction. 1. Brief description of a blast furnace 2. Results of technical and economic achievements of the blast furnace shop. 1950 to 1955	7
blast furnace shop, 1950 to 1955 Card 2/6	8

	ements of Blast Furnace Operators (Cont.) SOV/1247	
J.	The nature of processes in a blast furnace	16
1. I.	Preparation of Raw Material and Fuel for Blast Furnace Operation	10
1.	Method of coking	36
2.	Blending of one	36 36 68
3.	Agglomerate plants and preparetton of and	68
	Agglomerate plants and preparation of agglomerate	79
l. II.	Flux-bearing Accionance	• • •
1.	The use of flux-bearing agglomerate in the charge of a blast furnace	87
_	blast furnace appropriate in the charge of a	• •
2.	Quality of highler beat, or	87
1	agglomenato	91
4. !	Theoretical principles and reasons for using flux-bearing agglomerate	92
rd 3/0		97

Achievements of Blast Furnace Operators (Cont.) SOV/1247	
Ch. III. Elimination of Manganese Additives from the Charge and the Production of Low Manganese Cast Iron 1. Productivity of the blast furnace and coke requirements 2. Quality of pig iron 3. Economic results	113 115 117 126
 Ch. IV. Increased Pressure of Blast Furnace Gas Application of increased top pressure Plan for a changing over of blast furnaces to increased top pressure Operation of blast furnaces with increased top pressure Control and measuring instruments and their readings Special features in the operation of blast furnaces with increased top pressure Changes in the distribution of the charge materials in the stack Theoretical principles of blast furnace operation with increased top pressure 	128 128 134 137 140 142
Card 4/6	

Achievements of Blast Furnace Operators (Cont.) SOV/1247	
2. Results of using blowing with variable amount of moisture 3. Direction of changes in moisture content (from normal to optimum) 4. The importance of high temperature blowing in relation to	175 175 182 191
Ch. VI. Controlling Blast Furnace Operations From the Top	210
Analysis of motion and distribution of charge materials	
2. Characteristics of the basic principles in controlling	212
3. The use of principles of controlling the blast furnace from the top for the elimination of certain troubles in the	229 237
Card 5/6	-51

Achievements of Blast Furnace Operators (Cont.) SOV/1247	
Ch. VII. Constructional Improvements of Blast Furnace Shop Equipment 1. Lodding arrangement for blast furnaces 2. Receiving hopper 3. Hot air duct equipment 4. Arrangement for removed of mode arrangement for removed of mode arrangement.	248 248 250 255
paramet of press intusces	261 261
Ch. VIII. The Role of the Blast Furnace Foreman 1. The Magnitogorsk school for foremen 2. Foreman a blast furnace technologist 3. Foreman as the organizer of work at a blast furnace 4. Uniform working methods for the various shifts	266 266 267 274 276
AVAILABLE: Library of Congress	210
GO/ksv 3-10-59 Card 6/6	

.BANNYKH, A.M., prof.; BEZDENEZHNYKH, A.A., dots.; ZUTS, K.A., dots.

Scientific research carried out in 1957 at the Department of Metallurgy of the Magnitogorsk Metallurgical Institute. Izv.vys. ucheb. zav.; chern.met no.9:161-164 S '58. (MIRA 11:11) (Magnitogorsk--Metallurgical research)

137-58-4-8660

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 334 (USSR)

AUTHORS: Bannykh, E.S., Sachko, A.P.

TITLE: An Accelerated Method of Inspection of Metallic Potassium for Potassium and Sodium Content (Uskorennaya metodika kontrolya

metallicheskogo kaliya na soderzhaniye v nem kaliya i natriya)

PERIODICAL: Tr. Ural'skogo n.-i. khim. in-ta, 1957, Nr 4, pp 209-217

ABSTRACT: A method is suggested for the determination of Na in metallic

K by means of the solidification temperature (ST) of the fused metal (M) and its total alkalinity (TA). 2-2.5 g M is taken from a moderate sample of K and placed in a special device filled with N. Then the M sample is dissolved in 96% alcohol and an aliquot portion is titrated with 0.25N HCl, thus determining the TA of the sample. To determine the ST, pieces of M are placed in a glass test tube 28-30 mm in diam and 18-20 cm long, which is lowered into a vaseline bath heated to $\sim 100^{\circ}$ C. The M is heated to 75-80° and, after the bath is removed, the ST of the M

is read three times with a mercury thermometer, having a scale with 0.1-0.20 graduations, while another thermometer is used to

Card 1/2 read the temperature of the portion of the scale projecting above

137-58-4-8660

An Accelerated Method (cont.)

the M so as to make corrections in the reading of the first thermometer by means of the equation $\Delta = h(t-t_1)a$, where h is the number of degrees on the scale of the column of Hg projecting above the level of the M, t is the temperature to be measured, t_1 is the temperature in the middle of the measurement scale, and a is 0.00016. The experimental data have established the existence of a relationship between the ST of the M and the amount of Na present therein. This relationship is described by the equation %Na = 12.8 - 0.201t, where t is the ST of the M. The K content is calculated from the difference between the TA and the Na contents, computed in terms of K. When the Na content is 1.5%, the accuracy of K determination is 0.1% absolute; when it is 4.5%, the accuracy is 0.2%. The analysis takes 1.5 - 2 hours.

1. Sodium--Determination 2. Potassium--Determination

Card 2/2

· BANNYKH, N.S

USSR/Inorganic Chemistry - Complex Compounds

C.

Abs Jour

: Referat Zhur - Khimiya, No 2, 1957, 4083

Author

Bannykh. N.S. Vil'nyanskiy Ya.Ye.

Title

: Contribution to the Study of Acid Sulfates of Potassium

Orig Pub

: Zh. obshchey khimii, 1956, 26, No 4, 952-955

Abstract

: $K_3H(SO_4)_2$ (I) was prepared by cooling an aqueous solution of K_2SO_4 (II) and H_2SO_4 (III) from 80° to

room temperature. In polarized light, the crystals of I showed strong double refraction; the refraction coefficients $n_{\rm p}$ and $n_{\rm g}$ are, respectively, 1.474 and 1.525. On heating in the range of 207-213° one modification of I is converted to the other. Melting of I is incongruent; the melting point determined from thermal analysis data if of $268 \pm 3^{\circ}$. Melting of I takes place according to peritectic reaction type, involving the formation of crystalline II and of a liquid phase which the authors

Card 1/2

- 6 -

CIA-RDP86-00513R000103410018-3

USSR/Inorganic Chemistry - Complex Compounds

C.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4083

consider to be a saturated solution of II in fused KHSO_h. Beginning with 350° the solution undergoes decomposition with evolution of water vapor. By the method of optical analysis it was ascertained that on cooling of melts containing 67.22% II and 32.78% III, 68.31% II and 31.69% III or 69.09% and 30.91% III, crystals of I separate. From binary mixtures containing 69.85% II and 30.15% III or 71.44% II and 28.56% III, on cooling, II crystallizes out. The authors arrive at the conclusion that compounds X and Y, which have been reported previously (Kendall J., Landon, M.L., J. Amer. Chem. Soc., 1920, 42, 2131), are actually I and II, with a transformation point of I into II at 268°. On the basis of the results obtained, the authors have partially supplemented the solubility diagram of the II-III system.

Card 2/2

- 7 -

BANNYKh, N.S.

137-58-5-9345

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 78 (USSR)

AUTHORS: Bogachov, G.N., Bannykh, N.S., Popil'skiy, M.Ya.

TITLE:

How Various Factors Affect the Oxidation of Chromic Oxide During Sintering of a Chromite Charge in Industrial Furnaces (Vliyaniye razlichnykh faktorov na okisleniye okisi khroma pri spekanii khromitovoy shikhty v promyshlennykh pechakh)

PERIODICAL: Tr. Ural'skogo n.-i. khim. in-ta, 1957, Nr 4, pp 3-12

ABSTRACT:

By investigating the operation of industrial tubular rotary furnaces employed for calcining of chromite with admixtures of soda and dolomite or lime it was established that, during calcining, the degree of oxidation of Cr_2O_3 to sodium chromate varies inversely with the content of Cr_2O_3 in the initial charge and the rate of loading of the latter into the furnace; this is apparently due to lumping of a part of the charge, a condition which prevents O_2 from reaching the Cr_2O_3 . Increasing the rate of rotation of the furnace has practically no effect on the degree of oxidation of Cr_2O_3 . The amount of soda added to the charge must correspond stoichiometrically to the fraction of Cr_2O_3 that is being oxidized to a chromate. To achieve maximum

Card 1/2

137-58-5-9345

How Various Factors Affect (cont.)

oxidation of Cr at any level of output of 40-mm long furnaces with an internal diameter of 1.6 m and an inclination of 60 and which employ powdered coal as fuel, it was found that the optimal Cr content in the charge amounts to approximately 16.5%.

Ye.Z.

1. Chronic oxide--Oxidation 2. Furnaces--Operation

Card 2/2

GUDTSOV, N.T. [deceased]; ZUDIN, I.F.; BANNYKH, O.A.

Some problems of alloying heat-resistant pearlitic steel. Issl. po

zharopr. splav. 3:23-33 *58.

(Steel alloys) (Heat-resistant alloys)

BANNYKH, O.A.; ZUDIN, I.F.

Effect of chromium on the durability of chromium-molybdenum steel.

Issl. po zharopr. splav. 3:384-387 '58. (MIRA 11:11)

(Chromium-molybdenum steel) (Metals at high temperature)

BANNYKH, O.A.

, 18(3); 18(5); 18(7)

PHASE I BOOK EXPLOITATION

SOV/3403

Gudtsov, Nikolay Timofeyevich; Oleg Aleksandrovich Bannykh; and Ivan Feofanovich Zudin

K voprosu o legirovanii teploustoychivoy stali na osnove α-zheleza (The Problem of Alloying α-Iron Base Heat-Resistant Steel), Moscow, AN SSSR, 1959. 66 p. Errata slip inserted. 3,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii.

Resp. Ed.: I. A. Oding, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: P. F. Zolotov; Tech. Ed.: Yu. V. Rylina.

PURPOSE: This book in intended for metallurgists.

COVERAGE: The book deals with methods of increasing creep resistance of steel at elevated temperatures. The authors discuss high-temperature properties of ferrite alloys, the effect of various alloying elements, and stabilization of the carbide phase. Part of the material is based on the results of investigations conducted at the Laboratory of Metal Working of the Metallurgical Institute of the Academy of Sciences, USSR. No personalities are mentioned. There are 45 references, of which 22 are Soviet, 19 English, 3 German, and 1 is English.

Card 1/2

'The Problem of Alloying (Cont.)	V /3403	
TABLE OF CONTENTS:	·	
Introduction	3	
Ways of Increasing Heat Resistance of Steel. Role of Structure Stability	5	
Alloying and Properties of Ferrite at Elevated Temperatures	11	-
Tungsten and Molybdenum in Heat-Resistant Steel	31	
Effect of Silicon on Heat Resistance	39	
Chromium in Heat-Resistant Steel	1111	
Stabilization of the Carbide Phase and Heat Resistance	57	
Bibliography	66	
AVAILABLE: Library of Congress (TN700.G8)		
	/mfd 26-60	·